

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/04303

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl' G09G5/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl' G09G5/22-5/32Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Japanese Utility Model Gazette 1926-1996, Japanese Publication of Unexamined Utility Model Applications 1971-2003, Japanese Registered Utility Model Gazette 1994-2003, Japanese Gazette Containing the Utility Model 1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1026659 A2 (SHARP KABUSHIKI KAISHA) 2000.08.09, see whole document &JP 2001-100725 A &US 6542161 B1 &CN 1264864 A	1-20
A	EP 1111579 A2 (SHARP KABUSHIKI KAISHA) 2001.06.27, see whole document &JP 2001-184051 A &US 2001/0041000 A1 &CN 1304126 A	1-20
A	EP 1158485 A2 (SHARP KABUSHIKI KAISHA) 2001.11.28, see whole document &JP 2002-49366 A &US 2002/0015046 A1 &CN 1333530 A	1-20
PA	EP 1225560 A2 (SHARP KABUSHIKI KAISHA) 2002.07.24, see whole document &JP 2002-215126 A &US 2002/0093502 A1 &CN 1372238 A	1-20



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"E"	earlier application or patent but published on or after the international filing date
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O"	document referring to an oral disclosure, use, exhibition or other means
"P"	document published prior to the international filing date but later than the priority date claimed
"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&"	document member of the same patent family

Date of the actual completion of the international search

21.05.03

Date of mailing of the international search report

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Name and mailing address of the ISA/JP

Japan Patent Office

3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan

Authorized officer

Hiroshi Ogawa



2G 9114

Telephone No. +81-3-3581-1101 Ext. 3226

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	EP 1174854 A2 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.) 2002.01.23, see whole document &JP 2002-32074 A &JP 2002-40984 A &JP 2002-41022 A &US 2002/0008713 A1 &CN 1333528 A	1-20
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EA	EP 1308924 A2 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.) 2003.05.07, see whole document &JP 2003-131653 A &CN 1414540 A	1-20
A	US 6188385 B1 (MICROSOFT CORPORATION) 2001.02.13, see whole document &WO 00/21066 A1 &WO 00/21068 A1 &WO 00/21069 A1 &WO 00/21070 A1 &WO 01/78056 A1 &AU 1106900 A &AU 1443800 A &AU 6511099 A &AU 6512199 A &AU 4994301 A &US 6219025 B1 &US 6225973 B1 &US 6239783 B1 &US 6356278 B1 &CN 1322343 A &CN 1322344 A &CN 1322345 A &CN 1335976 A &JP 2002-527775 A &JP 2002-527776 A &JP 2003-508794 A	1-20
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6307566 B1 (MICROSOFT CORPORATION) 2001.10.23, see whole document (Family:none)	1-20
PA	US 6421054 B1 (MICROSOFT CORPORATION) 2002.07.16, see whole document (Family:none)	1-20
A	US 6342890 B1 (MICROSOFT CORPORATION) 2002.01.29, see whole document &WO 00/57365 A1 &AU 3880100 A &JP 2002-540461 A	1-20
A	US 6342896 B1 (MICROSOFT CORPORATION) 2002.01.29, see whole document &WO 00/57363 A1 &AU 3883900 A	1-20
A	US 6339426 B1 (MICROSOFT CORPORATION) 2002.01.15, see whole document (Family:none)	1-20
A	WO 01/09873 A1 (MICROSOFT CORPORATION) 2001.02.08, see whole document &WO 01/09824 A1 &AU 6389800 A &AU 6240100 A &US 6282327 B1 &US 6377262 B1	1-20
A	WO 01/78053 A2 (MICROSOFT CORPORATION) 2001.10.18, see whole document &AU 5146401 A	1-20
A	"How Sub-Pixel Font Rendering Works". [online]. Gibson Research Corporation, 2002.02.11. [retrieved on 2003-05-21]. Retrieved from the Internet: <URL: http://grc.com/ctwhat.htm >.	1-20
A	"Sub-Pixel Rendering Implementation Details". [online]. Gibson Research Corporation, 1999.12.08. [retrieved on 2003-05-21]. Retrieved from the Internet: <URL: http://grc.com/cttech.htm >.	1-20
A	"ClearType - What is ClearType?". [online]. Microsoft Corporation, 2002.01.16. [retrieved on 2003-05-21]. Retrieved from the Internet: <URL: http://www.microsoft.com/typography/cleartype/what.htm >.	1-20